



DEPARTMENT OF PUBLIC HEALTH  
POSTING OF VACANCY

DPH Employees are strongly encouraged to apply

**PRINCIPAL CHEMIST (DURATIONAL thru 8/30/13)**  
**LABORATORY – Environmental Chemistry (Radiochemistry)**

POSTING DATE: December 22, 2011

CLOSING DATE: December 30, 2011\*

**PLEASE FOLLOW THE SPECIFIC APPLICATION INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!**

OPEN TO: The Public

POSITION CONTROL NUMBER: 093364DL

NOTE: THIS NUMBER MUST BE INCLUDED ON YOUR APPLICATION

LOCATION: 10 Clinton Street, Hartford, CT

SHIFT/HOURS: 1<sup>st</sup> Shift/35 hours/week

SALARY GROUP/RANGE: HC 24/\$55,696 - \$75,416

**NOTE:** Candidates must have applied for and passed the Principal Chemist exam and be on the current certification list promulgated by the Department of Administrative Services. State employees currently holding the above title or those who have previously attained permanent status in the class may apply for lateral transfer. Applicants will not have the opportunity to take the exam prior to the above closing date to qualify for this particular vacancy.

**PREFERRED SKILLS:** This position is located in the Radiochemistry Section of the DPH Laboratory. The successful candidate for this position will have primary responsibility for continuing the implementation of the EPA Radioanalytical Capacity Enhancement Demonstration Project grant. The ideal candidate will have:

- Experience working in the field of radiochemistry, including
- Experience with radioanalytical sample preparation techniques
- Experience with radioanalytical instrumentation such as alpha spectroscopy, gamma spectroscopy and gas proportional counting.
- Experience in implementing new procedures for rapid radioanalytical sample preparation and analysis in a variety of matrices
- Experience documenting protocols in procedure manuals (SOP's).
- Experience communicating with peers and subordinates
- Experience training other chemists.

**MINIMUM QUALIFICATIONS REQUIRED:**

**Knowledge, Skill and Ability:** Considerable knowledge of current theories, principals and practices of chemistry; considerable knowledge of current laboratory methods, applications, examinations, equipment, instrumentation and material; considerable knowledge of laboratory quality assurance and quality control policies and procedures; knowledge of universal laboratory precautions; interpersonal skills; considerable oral and written communication skills; considerable ability to conduct analytical, consultative and research activities; ability to interpret complex examination results; ability to utilize computer software; some supervisory ability.

**EXPERIENCE AND TRAINING:**

**General Experience:** Eight (8) years of experience in an industrial, public health, toxicology, medical or materials laboratory involving scientific work in the field of chemistry.

**Special Experience:** Two (2) years of the General Experience must have been at the full working level in the field of chemistry. For state employees this is interpreted at the level of Chemist 2.

**Substitution Allowed:**

1. College training in chemistry or a closely related field may be substituted for the General Experience on the basis of fifteen (15) semester hours equaling one half (1/2) year of employment to a maximum of four (4) years for a Bachelor's degree.
2. A Master's degree in chemistry or a closely related field may be substituted for one (1) additional year of the General Experience.

**Special Requirement:**

1. Incumbents in this class must be willing to periodically undergo tests and immunizations for communicable diseases.
2. Incumbents in this class may be required to have specific education and/or experience to meet the various certification and/or licensing requirements.
3. Incumbents in this class may be required to undergo and successfully complete security background checks.

**Working Conditions:** Incumbents in this class may be exposed to communicable diseases and hazardous substances.

**PLEASE NOTE:** This position will be filled in accordance with reemployment, SEBAC, transfer, promotion and merit employment rules.

**Application Instructions:** ANYONE WISHING TO APPLY FOR THIS POSITION MUST COMPLETE AND FORWARD THE APPROPRIATE "State of Connecticut Application Form for Examination and Employment" (Form CT-HR-12) (ORIGINAL AND ONE COPY OF ENTIRE APPLICATION PACKAGE), NO LATER THAN THE CLOSING DATE AT THE TOP OF THIS FORM, TO:

Department of Public Health  
410 Capitol Avenue, MS #13PER  
PO Box 340308  
Hartford, CT 06134-0308  
FAX: 860-509-7860 (if faxing, only one application is necessary)  
EMAIL: dph.recruitment@ct.gov

\* The closing date is for this posting. This may differ from the examination closing date for a competitive examination. Questions regarding this process should be directed to the Human Resources Office (Recruitment Hotline, 509-7223).

THE DEPARTMENT OF PUBLIC HEALTH AIMS TO PROVIDE EQUAL OPPORTUNITY IN ALL ASPECTS OF EMPLOYMENT AND ADVANCEMENT, FOSTERING AN ENVIRONMENT COMMITTED TO SUPPORTING INDIVIDUALS IN ALL PROTECTED CLASSES.